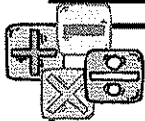
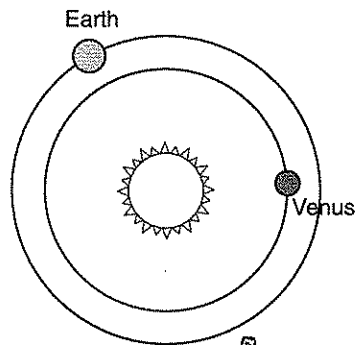


Problems of the Week



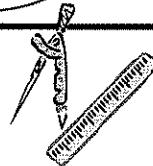
Visual

If the orbit of Venus is 67 million miles and the orbit of the Earth is 93 million miles, what is the closest the two planets can be to each other? What is the greatest distance they can be apart?



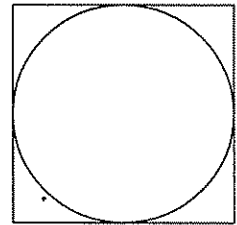
Multi-Step

Jimmy spends $\frac{3}{4}$ of an hour getting ready for work. It takes 30 minutes to travel to his office. If he needs to be at work at 9:00 a.m., what time should he get up?



Geometry/ Measurement

For a project Susan is working on, she wants to outline the circle and square shown using gold wire. If the square has a side length of 18 inches, how much gold wire will Susan need?



Fraction Action

It is $3\frac{11}{12}$ miles around Westwood Park's bike trail. After riding around the trail $5\frac{1}{2}$ times, Bobby had a flat tire. About how many miles had he ridden?



Problem-Solving Strategies

Gary's age this year is a multiple of 4. Next year, his age will be a multiple of 7. He is older than 20 and less than 50 years old. How old is Gary now?



What Do You Say?

Explain how you solved the geometry problem above.

*See answer key. The Mental Math section should not be duplicated for the students.




Mental Math

1. $820 + 900$
2. $524 + 260$
3. $3600 \div 9$
4. 50×48
5. $8 \times 6 \times 500$
6. What time is it 4 hours and 15 minutes after 1:30 p.m.?
7. How many ounces are in 3 cups and 1 pint?
8. What is the product of 8, 0, 5, and 6?
9. Which is larger, a meter or 3 feet?
10. How many centuries are in 475 years?



Keeping Skills Sharp

Write answers here:

1. $156 - 25 =$ 1. _____
2. If a coach estimates that each football player will eat $\frac{3}{4}$ of a pizza, how many should he order to feed 16 players? 2. _____
3. $4 - 1.58 =$ 3. _____
4. $38,880 \div 324 =$ 4. _____
5. 1 meter = ____ centimeters 5. _____
6. Find the perimeter of the parallelogram:
base = 10.1 cm
side = 8.2 cm
 6. _____
7. Find the median for the following measurements: 12 cm, 16 cm, 18 cm, 21 cm, 28 cm, 30 cm 7. _____
8. $9 + 2 \times 5 + 6 =$ 8. _____
9. If the letters of the word "CITY PLANNER" were each written on a card and placed in a bag, what is the probability of picking an "N"? 9. _____
10. Complete the pattern: 1, 4, 16, 64, ____, ____ 10. _____